

## APPLICATION

Multiple Sheave Wheels

## INDUSTRY

Construction

## ORIGINAL MATERIAL

Cast Iron

## NEW MATERIAL

Nylacast PA 6

## NYLACAST MULTIPLE SHEAVE WHEELS

- Self lubricated
- Increased rope life
- Cost saving
- Reduced maintenance
- Reduced component weight

## APPLICATION DESCRIPTION

The versatile strength of Nylacast components sees them used more today than ever in applications such as sheave wheels. Multiple sheave wheels can be used on cranes or lifting equipment varying from 1 to 200 tonne capacity, running with or without bearings, depending on speed load etc. The key factor is the self lubrication of the Nylacast component that requires less maintenance and increases performance of the application.

## ADVANTAGES OF USING NYLACAST POLYMERS

Using advanced polymers, in particular those based around cast nylon, allow for a number of significant advantages in this sheave wheel application. These include an increase in rope life, light weight and reduced maintenance as they require no lubrication. In addition to these significant advantages the Nylacast Sheave Wheel is cost effective in comparison to Cast Iron.



Image of Multiple Sheave Wheels in application

To discuss your project and specifications contact our engineering team.

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